

Title (en)

Method and apparatus for delivering labels and the like to a compression molding machine for molding plastic closures

Title (de)

Vorrichtung und Verfahren zum Fördern von Etiketten und dergleichen zu einer Formpresse für die Herstellung von Kunststoffverschlüssen

Title (fr)

Dispositif et procédé pour la distribution d'étiquettes et analogues à une presse de moulage pour mouler des couvercles en plastique

Publication

EP 0882559 A3 20000510 (EN)

Application

EP 98109975 A 19980602

Priority

US 86709097 A 19970602

Abstract (en)

[origin: EP0882559A2] A method and an apparatus for delivering labels (L) and the like to a compression molding machine (M) for molding plastic closures wherein the labels (L) or disks are delivered successively from a source (A) to the cavities (106). The method and apparatus comprises an indexing turret (A) supporting a plurality of stacks of labels, a pick and place turret (B) for removing a label from a stack, and a label inserter turret (C) which tracks a portion of the path of the cavities of the compression molding machine (M) and delivers the labels (L) successively into the cavities (106). <IMAGE>

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IPC 8 full level

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Citation (search report)

- [Y] US 4801348 A 19890131 - TAKAGAKI NOBUYUKI [JP]
- [Y] US 5223315 A 19930629 - KATSURA TADAHIKO [JP], et al
- [A] EP 0494539 A1 19920715 - GRAHAM ENG CORP [US]
- [A] EP 0591549 A1 19940413 - SUMITOMO HEAVY INDUSTRIES [JP], et al
- [A] US 5116452 A 19920526 - EDER ERICH [DE]
- [A] US 4795597 A 19890103 - WHITELEY NORMAN [GB], et al
- [A] US 5344305 A 19940906 - MCKILLIP BARRON G [US]

Cited by

EP2347885A3; US8512623B2

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DOCDB simple family (application)

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